



## TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

January 2018

This report contains statistical and operational data for TMC activities from the period of January 01, 2018 to January 31, 2018.

### Executive Summary

<b>TOTAL INCIDENTS</b> The total number of incidents during the period. *		<b>TOTAL SECONDARY INCIDENTS</b> Crashes that occur within the original incident scene or resulting queue.		<b>TOTAL MULTI-VEHICLE INCIDENTS</b> The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
December	January	December	January	December	January
3,597	3,445	15	14	294	238

<b>LANE BLOCKAGE INCIDENTS</b> The total number of incidents which resulted in at least one blocked lane of travel.*		<b>AVERAGE CLEARANCE TIME</b> The average time for all lanes to be cleared after a crash.		<b>TOTAL HIGHWAY HELPER RESPONSES</b> The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
December	January	December	January	December	January
335	319	55 min	47 min	1,659	1,621

\* - excludes roadwork

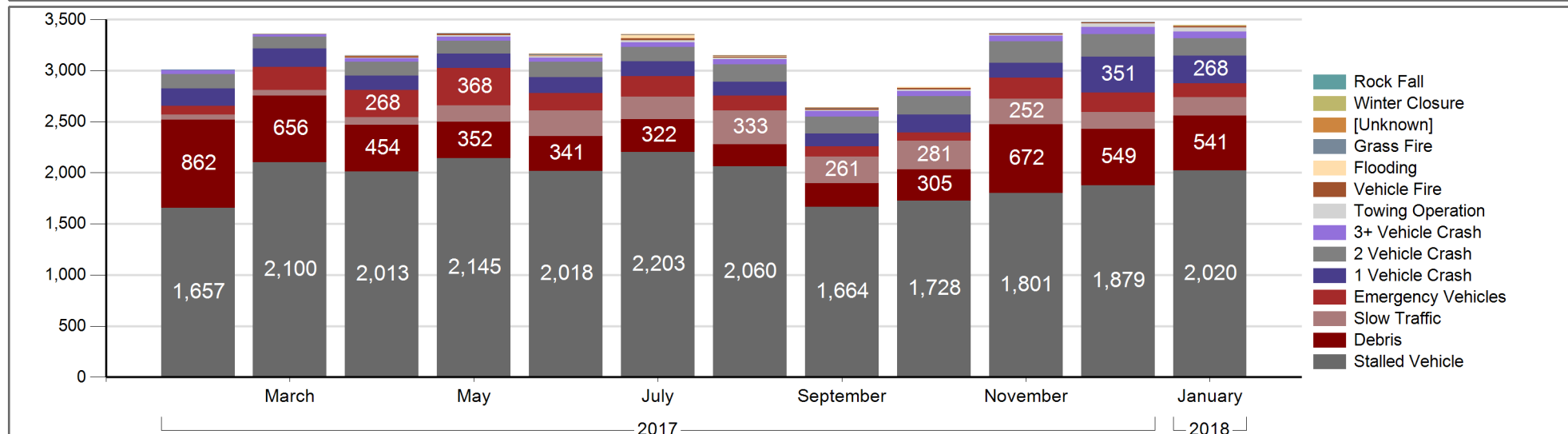
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

### INCIDENT TOTALS BY TYPE

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

Type	Total	%	Avg Impact		District 1*	District 2	District 3	District 4*	District 5	District 6*
Stalled Vehicle	2,020	59%	1 hr 2 m		1,010	40	33	274	69	594
Debris	541	16%	14 min		263	6	6	125	4	101
1 Vehicle Crash	268	8%	47 min		105	13	25	39	20	66
Slow Traffic	178	5%	1 hr 15 m		118	0	5	9	1	45
2 Vehicle Crash	172	5%	48 min		85	4	10	17	8	48
Emergency Vehicles	137	4%	1 hr 5 m		74	2	2	28	5	25
3+ Vehicle Crash	66	2%	46 min		39	1	0	8	2	16
Towing Operation	39	1%	7 hr 16 m		16	0	1	12	1	9
Vehicle Fire	16	0%	1 hr 35 m		4	0	2	4	0	6
Grass Fire	5	0%	44 min		3	0	0	1	0	1
Flooding	2	0%	1 hr 4 m		0	2	0	0	0	0
Winter Closure	1	0%	9 hr 24 m		0	0	1	0	0	0
<b>Total</b>	<b>3,445</b>	<b>100%</b>	<b>1 hr 19 m</b>		<b>1,717</b>	<b>68</b>	<b>85</b>	<b>517</b>	<b>110</b>	<b>911</b>

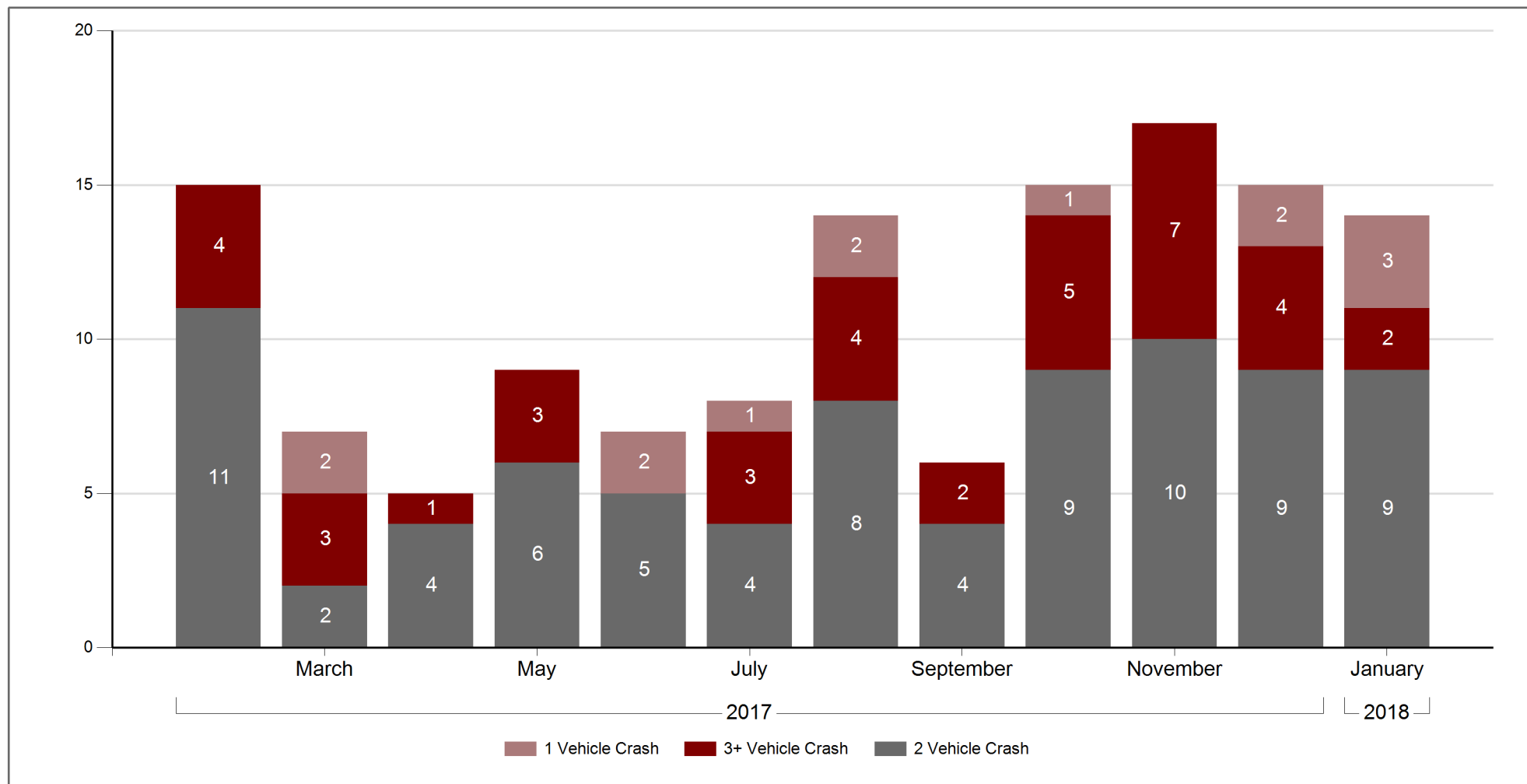
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

Crashes that occur within the original incident scene or resulting queue.

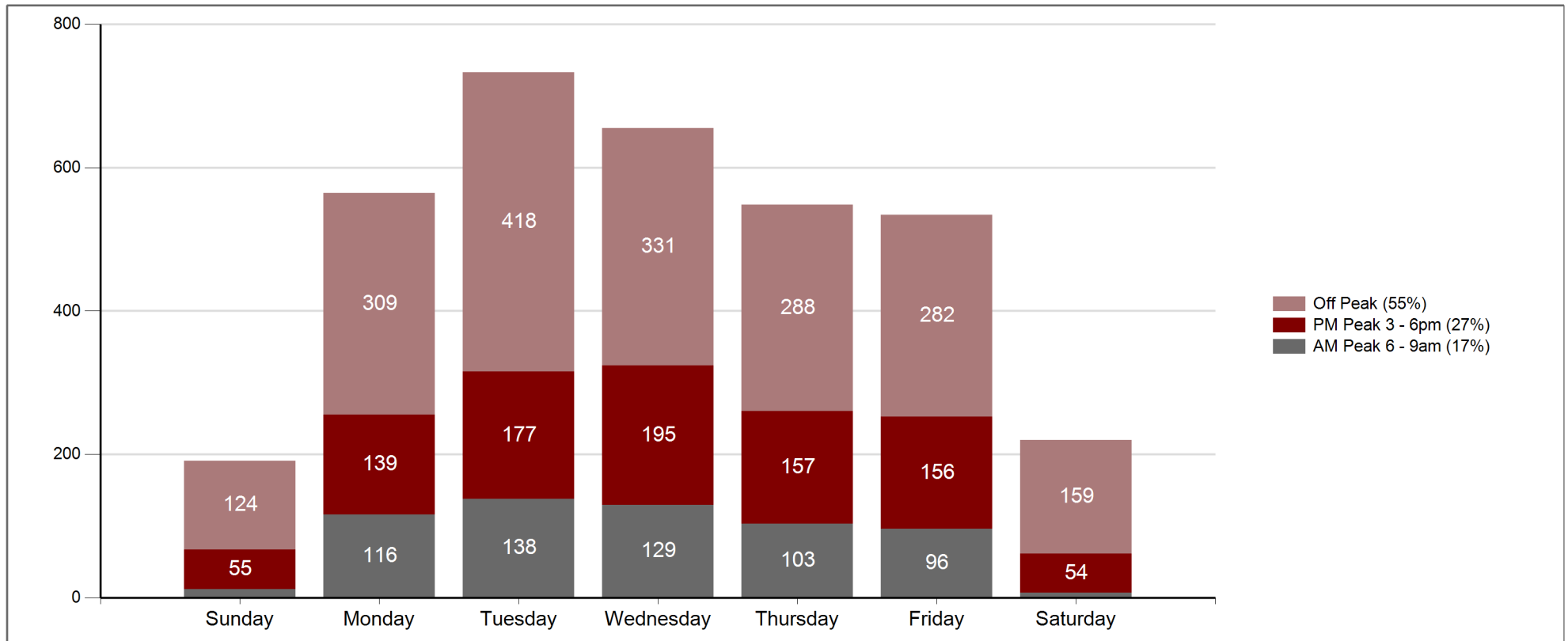
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	9	64%	19 min		8	0	0	0	0	1
1 Vehicle Crash	3	21%	3 min		2	0	0	1	0	0
3+ Vehicle Crash	2	14%	33 min		1	0	0	0	0	1
Total	14	100%	22 min		11	0	0	1	0	2



### INCIDENTS BY DAY OF WEEK

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

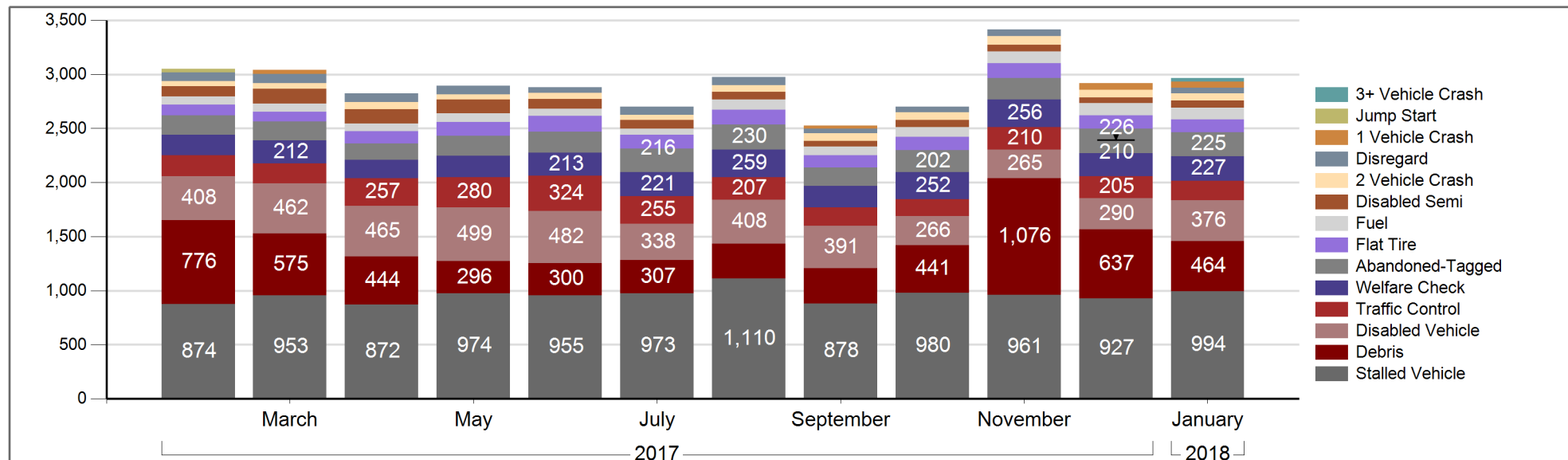
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	733	21%	57 min		374	11	11	113	13	206
Wednesday	655	19%	1 hr 16 m		339	9	11	92	28	161
Monday	564	16%	1 hr 40 m		249	11	27	106	17	145
Thursday	548	16%	1 hr 27 m		281	14	7	86	14	141
Friday	534	16%	41 min		276	2	9	77	19	148
Saturday	220	6%	4 hr 29 m		113	14	11	16	12	54
Sunday	191	6%	37 min		85	7	9	27	7	56
Total	3,445	100%	1 hr 19 m		1,717	68	85	517	110	911



### HIGHWAY HELPER RESPONSES

The total number of incidents Highway Helper responded to during the period.

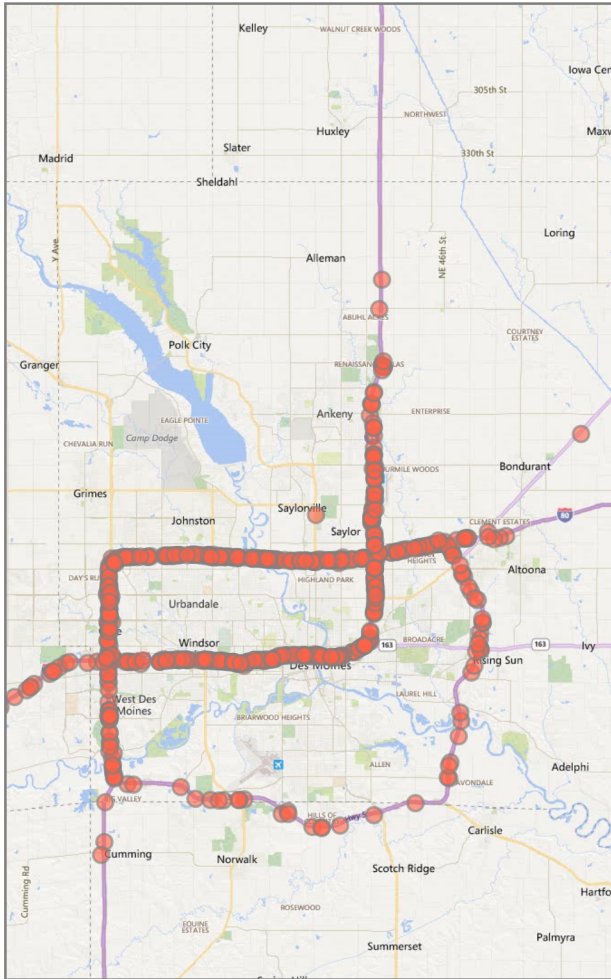
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	994	32%	14 min		481	187	324
Debris	464	15%	14 min		246	121	94
Disabled Vehicle	376	12%	21 min		179	66	130
Welfare Check	227	7%			109	63	55
Abandoned-Tagged	225	7%	32 min		102	36	87
Traffic Control	180	6%	32 min		105	31	44
Flat Tire	116	4%			55	19	42
Fuel	107	3%	11 min		53	20	34
Disabled Semi	68	2%	8 min		26	16	26
2 Vehicle Crash	68	2%	45 min		43	8	17
1 Vehicle Crash	56	2%	32 min		30	10	16
Disregard	52	2%	27 min		37	3	11
<b>Total</b>	<b>2,933</b>	<b>100%</b>	<b>39 min</b>		<b>1,466</b>	<b>580</b>	<b>880</b>



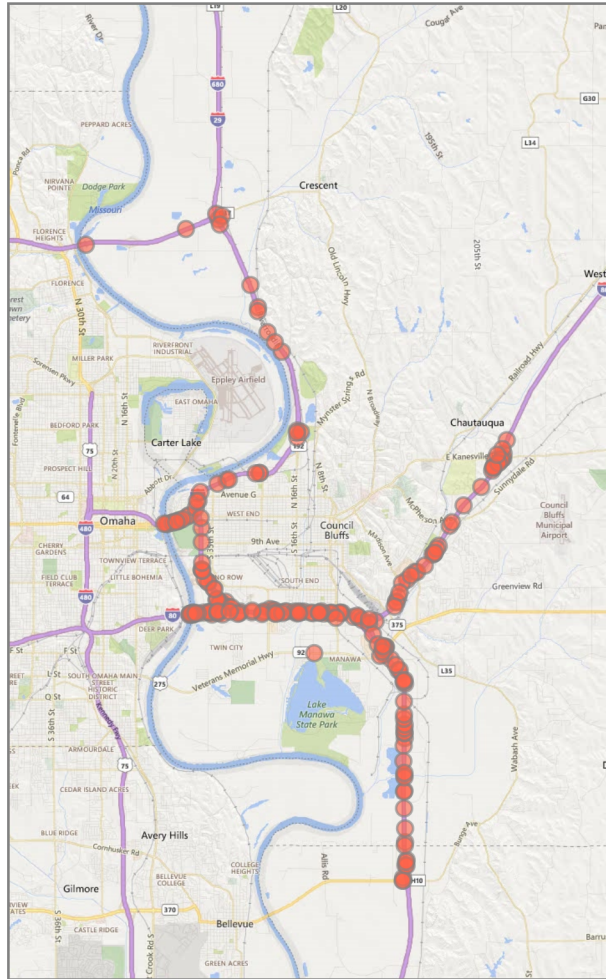
## HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

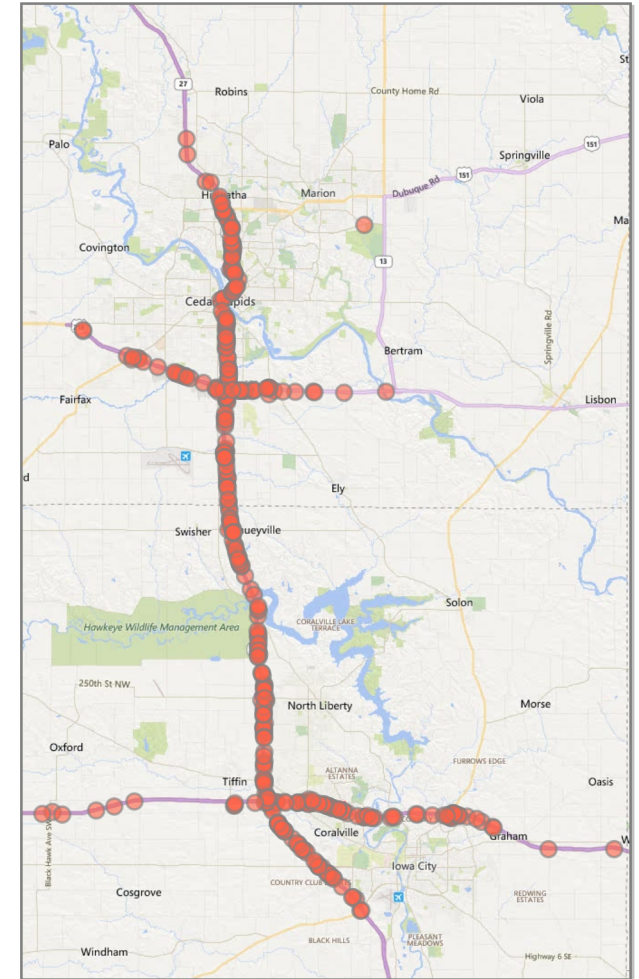
### DES MOINES



### COUNCIL BLUFFS



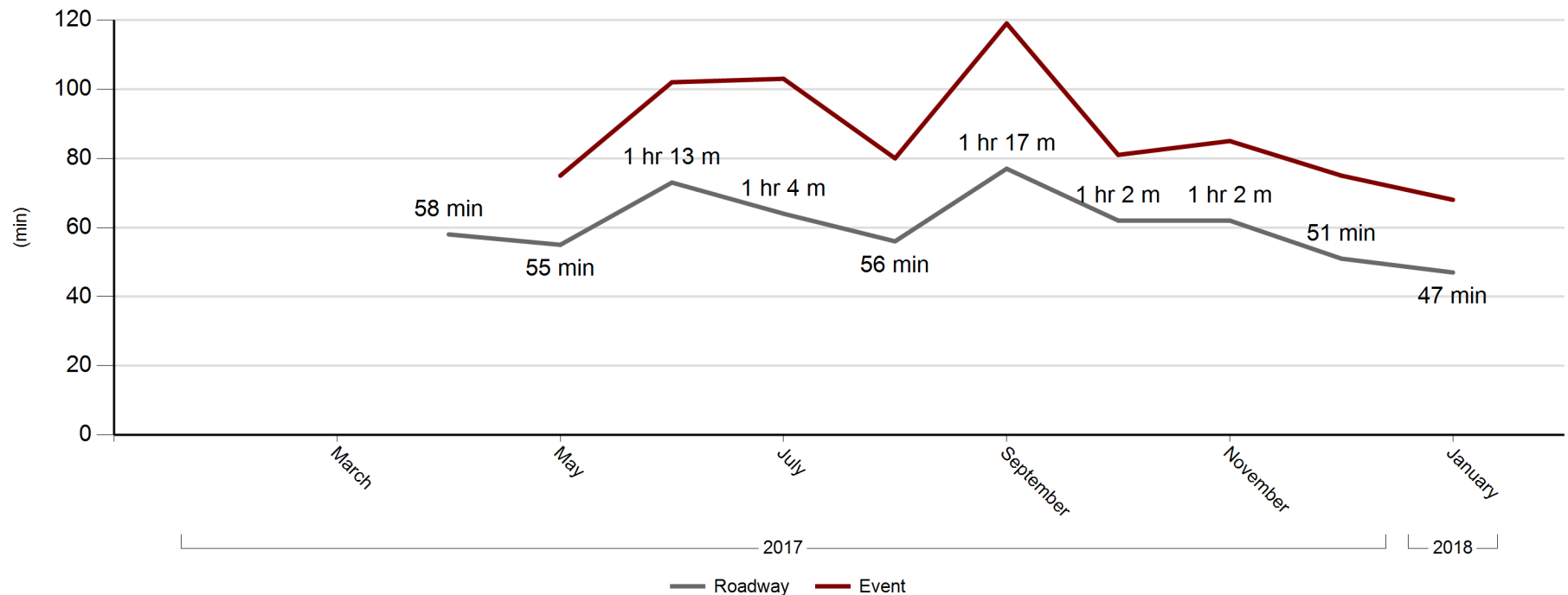
### CEDAR RAPIDS / IOWA CITY



**INCIDENT CLEARANCE TIMES (CRASHES ONLY)**

Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	<b>56 min</b>		46 min	50 min	1 hr	1 hr	29 min	1 hr 13 m
	Interstate	50 min		43 min	45 min	17 min	1 hr 9 m	39 min	59 min
	State	1 hr 3 m		1 hr		1 hr 8 m		36 min	1 hr 16 m
	Federal	1 hr 11 m		47 min	1 hr 2 m	1 hr 33 m	26 min	2 min	1 hr 48 m
Roadway	All	<b>47 min</b>		36 min	34 min	52 min	47 min	53 min	1 hr 4 m
	Interstate	41 min		36 min	45 min	21 min	52 min	38 min	49 min
	State	52 min		41 min		1 hr 9 m		37 min	1 hr 17 m
	Federal	1 hr 3 m		35 min	23 min	1 hr 14 m	26 min	1 hr 54 m	1 hr 37 m

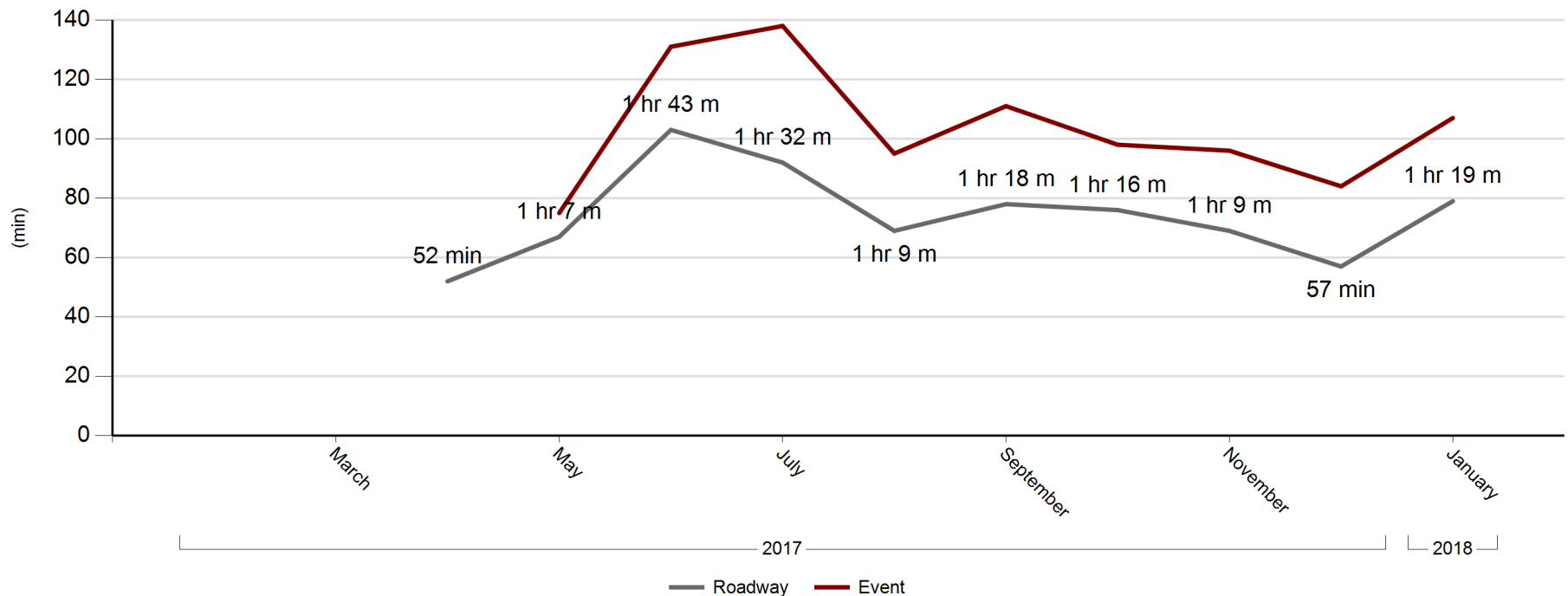
**All Roads (Interstate / Federal / State)**




**INCIDENT CLEARANCE TIMES (ALL TYPES)**

Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	<b>1 hr 20 m</b>		1 hr 6 m	1 hr 53 m	55 min	1 hr 48 m	44 min	1 hr 32 m
	Interstate	1 hr 26 m		1 hr 13 m	45 min	31 min	1 hr 59 m	39 min	1 hr 38 m
	State	1 hr 12 m		53 min	2 hr 55 m	56 min	1 hr 28 m	56 min	1 hr 16 m
	Federal	1 hr 3 m		43 min	1 hr 2 m	1 hr 33 m	26 min	31 min	1 hr 19 m
Roadway	All	<b>1 hr 19 m</b>		58 min	1 hr 34 m	2 hr 8 m	1 hr 23 m	53 min	1 hr 30 m
	Interstate	1 hr 22 m		1 hr 8 m	45 min	1 hr 12 m	1 hr 31 m	38 min	1 hr 41 m
	State	1 hr 40 m		32 min	2 hr 55 m	4 hr 5 m	1 hr 16 m	46 min	1 hr 10 m
	Federal	53 min		29 min	23 min	1 hr 14 m	29 min	1 hr 18 m	1 hr 9 m

**All Roads (Interstate / Federal / State)**




**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 47 min)								
	01/03 01:22 AM	<a href="#">32900</a>	I-380	1			3 hr 8 m	Initial report of a single vehicle crash on I-380 SB at MM 8 (near Shueyville).
	01/11 02:04 PM	<a href="#">33957</a>	US-61			1	2 hr 9 m	Initial report of a single vehicle crash on US-61 SB at MM 108 in Blue Grass.
	01/13 07:33 PM	<a href="#">34212</a>	US-34				8 hr 2 m	Initial report of a single vehicle crash on IA 136 at the 16 mm (near Charlotte).
	01/22 02:51 PM	<a href="#">35259</a>	US-20			1	2 hr 4 m	Initial report of a single vehicle crash on US-20 WB at MM 17 (near Moville).
2 Vehicle Crash (Avg Impact : 48 min)								
	01/09 05:33 PM	<a href="#">33679</a>	IA-25	1	3		3 hr 20 m	Initial report of a 2 vehicle crash on US 61 at 250th Ave (near Welton).
	01/10 05:36 PM	<a href="#">33842</a>	IA-12		1		2 hr 5 m	Initial report of a 2 vehicle crash on IA-12 NB at MM 2 in Sioux City.
	01/14 08:51 AM	<a href="#">34229</a>	I-80		1	1	2 hr 22 m	Initial report of a semiv vs car crash on I-80 EB at MM 64 (near Brayton).
	01/15 12:46 AM	<a href="#">34303</a>	I-80		1	2	2 hr 28 m	Initial report of a 2 vehicle crash on I-80 EB at MM 108 (near De Soto).
	01/15 02:53 PM	<a href="#">34408</a>	US-67	1	1		3 hr 17 m	Initial report of a 2 vehicle crash on US-67 SB at MM 26 (near Folletts).
	01/17 08:03 AM	<a href="#">34677</a>	I-235				2 hr 4 m	Initial report of a 2 vehicle crash on I-235 WB at MM 5 in Des Moines (near Windsor Heights).
	01/17 08:01 AM	<a href="#">34678</a>	US-30	1	1		3 hr 1 m	Initial report of a 2 vehicle crash on US-30 EB at MM 247 (near Fairfax).
	01/24 07:50 AM	<a href="#">35462</a>	I-235		3		2 hr 31 m	Initial report of a 2 vehicle crash on the exit ramp to Penn Ave from I-235 EB at the 9 MM in Des Moines. The entrance ramp and exit ramp to and from Penn Ave to I-235 EB are currently blocked.
3+ Vehicle Crash (Avg Impact : 46 min)								
	01/14 10:21 PM	<a href="#">34294</a>	I-80			3	3 hr 43 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 56 (near Marne).
	01/29 09:24 PM	<a href="#">36103</a>	I-380	2			5 hr 17 m	Initial report of a 3+ vehicle crash on I-380 NB at MM 14 in Cedar Rapids (near Shueyville).
Emergency Vehicles (Avg Impact : 1 hr 5 m)								
	01/15 02:52 PM		US-67				3 hr 17 m	Initial report of an emergency vehicles event on US-67 NB at MM 26 (near Folletts).
	01/17 09:23 PM	<a href="#">34763</a>	IA-188				6 hr 39 m	Initial report of an emergency vehicles event on US-218 SB at MM 212 (near Plainfield).
Slow Traffic (Avg Impact : 1 hr 15 m)								
	01/02 06:31 AM	<a href="#">32736</a>	I-380				2 hr 1 m	Initial report of a slow traffic event on I-380 SB at MM 16 in Cedar Rapids.
Stalled Vehicle (Avg Impact : 1 hr 2 m)								
	01/22 10:48 PM	<a href="#">35310</a>	IA-3				13 hr 7 m	Initial report of a stalled vehicle on IA-3 EB at MM 16 (near Brunsville).
	01/22 10:49 PM	<a href="#">35311</a>	IA-3				13 hr 7 m	Initial report of a stalled vehicle on IA-3 WB at MM 16 (near Brunsville).

# INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 1 hr 2 m)								
	01/23 02:23 AM	<a href="#">35317</a>	IA-3				4 hr 49 m	Initial report of a stalled vehicle on IA-3 EB at MM 46 (near Marcus).
Towing Operation (Avg Impact : 7 hr 16 m)								
	01/18 08:00 AM	<a href="#">34665</a>	I-35			1	1 day 4 hr 47 m	Initial report of a towing operation event on I-35 NB at MM 145 (near Williams).
	01/20 08:35 AM		I-80			1	22 hr 8 m	Initial report of a towing operation event on I-80 EB at MM 163 (near Lambs Grove).
	01/27 05:30 AM	<a href="#">35824</a>	I-80			1	18 hr 57 m	Initial report of a towing operation event on I-80 WB at MM 290 in Davenport (near Maysville).
Vehicle Fire (Avg Impact : 1 hr 35 m)								
	01/20 10:08 AM		I-80			1	7 hr 31 m	Initial report of a vehicle fire on I-80 EB at MM 304 (near Le Claire).